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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---------------------------------|-------------|---------------------------|---------------------|------------------|
| 10/500,306 | 01/12/2005 | Monica Fernandez Gonzalez | 53175 | 5212 |
| 26474 | 7590 | 09/19/2007 | | |
| NOVAK DRUCE DELUCA & QUIGG, LLP | | | EXAMINER | |
| 1300 EYE STREET NW | | | WU, IVES J | |
| SUITE 1000 WEST TOWER | | | ART UNIT | PAPER NUMBER |
| WASHINGTON, DC 20005 | | | 1724 | |
| | | | MAIL DATE | DELIVERY MODE |
| | | | 09/19/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/500,306

Applicant(s)

FERNANDEZ GONZALEZ ET AL.

Examiner

Ives Wu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 14-17, 19-21 and 23-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 16, 17, 19-21 and 23-25 is/are allowed.
- 6) ☒ Claim(s) 14-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

(1). Applicants' Amendments and Remarks filed on 07/10/2007, 07/11/2007 have been received.

Claims 1-13, 18 and 22 are cancelled previously.

Claims 16-17, 19, 21, 23 and 25 are amended.

The objection to claims 16-17, 19-21 and 23-25 in prior Office Action dated 4/11/2007 is withdrawn accordingly.

The rejections of claims 14-15 in the prior Office Action dated 04/11/2007 are sustained.

Claim Rejections - 35 USC § 102

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

(2). **Claims 14 and 15** are rejected under 35 U.S.C. 102(b) as being anticipated by Hisakazu (JP 2000-327387) for the same rationale recited in prior Office Action dated 04/11/2007.

Allowable Subject Matter

(3). **Claims 16-17, 19-21 and 23-25** are allowed.

Response to Amendment

(4). It is noticed that the Amendments filed on 07/11/2007 is not underlined for the portions added to the amended claims. However, the Amendments filed on 07/10/2007 are underlined for the amended portion in the claims. Applicants should submit the latest correct Amendments with underlines.

Response to Arguments

(5). Applicant's arguments filed on 07/11/2007 have been fully considered but they are not persuasive.

Applicants argue that the monomers of prior art reference Hatsuji (JP 2000-327387) does not have sulfone groups directly attached to the aromatic rings (page 30, Remarks). Hatsuji

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Hisakazu (JP 2000-327387) disclose the aminobenzene sulfonic acid, its derivative, alkylamino benzenesulfonic acid, which have sulfone groups directly attached to the aromatic ring (Claim 4 – JP2000-327387). Therefore, the final structure for the product of Hatsuji Hisakazu (JP 2000-327387) compositions reads on the limitation of instant claims. For the arguments of sulfones groups maybe formed without bonding to the aromatic in the final product structure of Hatsuji Hisakazu (JP 2000-327387), mere Counsel's arguments unsupported by factual evidence are given little weight. *In re Lindner*, 457 F.2d 506, 508, 173 USPQ 356, 358 (CCPA 1972).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ives Wu whose telephone number is 571-272-4245. The examiner can normally be reached on 8:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on 571-272-1166. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Examiner: Ives Wu

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Date: September 7, 2007

DUANE SMITH
PRIMARY EXAMINER

[Signature]
9-15-07